

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 1125 | cycl\$3 same switch\$3 same tandem | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 20:54 |
| L2 | 1 | cycl\$3 same switch\$3 same tandem same pre\$charge | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 20:54 |
| L3 | 2 | cycl\$3 same switch\$3 same tandem and pre\$charge | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 20:56 |
| L4 | 54 | cycl\$3 same switch\$3 same tandem same protect\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:02 |
| L11 | 14 | cycl\$3 same switch\$3 same tandem same protect\$3 same capacitor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:12 |
| L12 | 17 | cycl\$3 same (switch\$3 transistor fet mos contactor) same tandem same protect\$3 same capacitor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:13 |
| L13 | 3 | 12 not 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:13 |
| L14 | 63 | cycl\$3 same (switch\$3 transistor fet mos contactor) same tandem same protect\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:23 |

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|-----|----------|---|---|----|----|------------------|
| L15 | 65 | (cycl\$3 synch) same (switch\$3 transistor fet mos contactor) same tandem same protect\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:25 |
| L16 | 2 | 15 not 14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:24 |
| L17 | 75 | (cycl\$3 synchron\$3) same (switch\$3 transistor fet mos contactor) same tandem same protect\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:25 |
| L18 | 12 | 17 not 15 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:25 |
| L19 | 3567833 | (fault\$3 error defect\$3 deficien\$3 imperfec\$3 weak\$4 insufficien\$3 inadequa\$3 lack\$3 miss\$3 neglect\$3 overlook\$3 wrongdo\$3 wrong\$2 inaccura\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:33 |
| L20 | 19318466 | (sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3 metrology) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:33 |
| L21 | 184 | (L19 adj L20) and (temperature near\$3 temporarily) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:38 |

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| L24 | 1 | (L19 adj L20) and (temperature near3 switch near3 temporarily) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:51 |
| L25 | 458129 | L19 near L20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:53 |
| L26 | 5 | L25 and (temperature near5 (switch transistor mos fet contact) near5 temporarily) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:55 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|---|------------------|---------|------------------|
| S10 | 33821 | (fault adj detect\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 11:28 |
| S11 | 3 | S10 same (float\$3 near3 power near3 transfer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 11:22 |
| S12 | 3 | S10 same (float\$3 near5 power near5 transfer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 11:22 |
| S13 | 3 | S10 same (float\$3 near7 power near7 transfer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 11:23 |
| S14 | 3 | S10 same (float\$3 near10 power near10 transfer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 11:23 |
| S16 | 6 | S10 same (float\$3 same power same transfer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 11:23 |
| S17 | 36160 | (fault adj (monitor\$3 detect\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 11:28 |
| S18 | 3567833 | (fault\$3 error defect\$3 deficien\$3 imperfec\$3 weak\$4 insufficien\$3 inadequa\$3 lack\$3 miss\$3 neglect\$3 overlook\$3 wrongdo\$3 wrong\$2 inaccura\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 11:53 |

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|-----|----------|---|---|----|----|------------------|
| S19 | 19318466 | (sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3 metrology) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 11:53 |
| S20 | 458129 | S18 near S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:52 |
| S21 | 285673 | S18 adj S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 21:32 |
| S23 | 3 | S21 same (float\$3 near3 power near3 transfer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 12:12 |
| S24 | 5 | S21 and (float\$3 near3 power near3 transfer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 12:11 |
| S25 | 3 | S20 same (float\$3 near3 power near3 transfer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 12:15 |
| S26 | 3 | S20 same (float\$10 near10 power near10 transfer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 12:16 |

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|-----|---------|--|---|----|----|------------------|
| S27 | 43 | S20 same (float\$10 same power same transfer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 12:17 |
| S28 | 25 | S27 same (capacitor battery stor\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 12:39 |
| S29 | 35 | S27 and (capacitor battery stor\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 12:47 |
| S30 | 3 | S27 and (capacitor battery stor\$3) and (pre\$charg\$3 and reservoir) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 12:49 |
| S31 | 6 | S27 and (capacitor battery stor\$3) and (pre\$charg\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 14:21 |
| S33 | 7 | S27 and (capacitor battery stor\$3) and (reservoir) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 12:50 |
| S34 | 3567833 | (fault\$3 error defect\$3 deficien\$3 imperfec\$3 weak\$4 insufficien\$3 inadequa\$3 lack\$3 miss\$3 neglect\$3 overlook\$3 wrongdo\$3 wrong\$2 inaccura\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 14:22 |

EAST Search History

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|-----|----------|---|---|----|----|------------------|
| S35 | 19318466 | (sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3 metrology) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 14:22 |
| S36 | 458129 | S34 near S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 14:22 |
| S37 | 43 | S36 same (float\$10 same power same transfer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 14:22 |
| S38 | 6 | S37 and (capacitor battery stor\$3) and (pre\$charg\$3 precharg\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 14:28 |
| S39 | 3567833 | (fault\$3 error defect\$3 deficien\$3 imperfec\$3 weak\$4 insufficien\$3 inadequa\$3 lack\$3 miss\$3 neglect\$3 overlook\$3 wrongdo\$3 wrong\$2 inaccura\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 15:40 |
| S40 | 19318466 | (sens\$3 detect\$3 monitor\$3 measur\$3 spot\$4 distinguish\$3 examin\$3 inspect\$3 read\$3 recogniz\$3 spy\$3 study\$3 view\$3 watch\$3 audit\$3 catch\$3 observ\$3 analiz\$3 compar\$3 investigat\$3 control\$4 scan\$4 supervis\$3 track\$3 encounter\$3 ideintify\$3 notic\$3 reveal\$3 (track\$3 ADJ down) uncover\$3 unmask\$3 discover\$3 (figur\$3 ADJ out) determin\$3 differentiat\$3 dig\$4 discriminat\$3 perceiv\$3 metrology) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 15:40 |

EAST Search History

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|-----|--------|--|---|----|----|------------------|
| S41 | 458129 | S39 near S40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 15:40 |
| S42 | 7 | S41 same (pre\$charg\$3 same reservoir) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 16:12 |
| S43 | 43 | S41 same (float\$10 same power same transfer\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 15:56 |
| S45 | 10 | S41 same (pre\$charg\$3 same ((backlog, basin, cistern, container, fund, holder, lake, nest egg*, pond, pool, receptacle, repository, reserve, source, spring, stock, stockpile, storage, store, supply, tank, reservoir, accumulation) near2 capacit\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 16:15 |
| S48 | 174663 | (protect\$3 adj (circuit device apparatus method system)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 16:56 |
| S49 | 3 | (protect\$3 adj (circuit device apparatus method system)) same (pre\$charg\$3 near5 reservoir near5 capacit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 16:57 |
| S50 | 3 | (protect\$3 adj (circuit device apparatus method system)) same (pre\$charg\$3 near10 reservoir near10 capacit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 16:57 |
| S51 | 4 | (protect\$3 adj (circuit device apparatus method system)) same (pre\$charg\$3 same reservoir same capacit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 16:59 |

EAST Search History

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| S52 | 5 | (protect\$3 adj (circuit device apparatus method system)) and (pre\$charg\$3 same reservoir same capacit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 16:59 |
| S53 | 93 | "5909139" "6052019" "5808502" "4807104" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:09 |
| S55 | 73 | S53 and capacitor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:12 |
| S56 | 25 | S53 and capacitor and memory | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:13 |
| S57 | 13 | S53 and capacitor and memory and protect\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:14 |
| S58 | 6 | S53 and capacitor and memory and protect\$3 and fault | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:14 |
| S59 | 6 | S53 and capacitor and memory and protect\$3 and fault and detect\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:41 |
| S60 | 3 | S53 and capacitor and memory and protect\$3 and fault and detect\$3 and transfer\$4 same (float\$3 isolat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:16 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| S61 | 348 | capacitor and memory and protect\$3 and fault and detect\$3 and transfer\$4 same (float\$3 isolat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:16 |
| S62 | 339 | capacitor and memory and protect\$3 and fault and detect\$3 and transfer\$4 same (float\$3 isolat\$3) and power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:17 |
| S63 | 2026 | capacitor and memory and protect\$3 and fault and detect\$3 and transfer\$4 and (float\$3 isolat\$3) and power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:17 |
| S64 | 2001 | capacitor and memory and protect\$3 and fault and detect\$3 and transfer\$4 and (float\$3 isolat\$3) and power and control and signal | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:18 |
| S66 | 76 | capacitor and memory and protect\$3 and fault and detect\$3 and transfer\$4 and (float\$3 isolat\$3) and power and control and signal and pre\$charg\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:19 |
| S67 | 74 | capacitor and memory and protect\$3 and fault and detect\$3 and transfer\$4 and (float\$3 isolat\$3) and power and control and signal and pre\$charg\$3 and switch\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:20 |
| S68 | 41 | capacitor and memory and protect\$3 and fault and detect\$3 and transfer\$4 and (float\$3 isolat\$3) and power and control and signal and pre\$charg\$3 and switch\$3 and damag\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:36 |
| S70 | 65 | (capacitor same memory same protect\$3 same fault) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:38 |

EAST Search History

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|-----|----|--|---|----|----|------------------|
| S71 | 1 | (capacitor same memory same protect\$3 same fault same transfer\$4 same (float\$3 isolat\$3) same power) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:39 |
| S72 | 4 | (capacitor same memory same protect\$3 same fault same transfer\$4 same (float\$3 isolat\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 17:40 |
| S73 | 34 | S53 and memory | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 18:01 |
| S74 | 25 | S53 and memory and capacitor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 18:01 |
| S75 | 19 | S53 and memory and capacitor and transfer\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 18:06 |
| S77 | 16 | S53 and memory and capacitor and transfer\$4 not burn\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 18:07 |
| S78 | 9 | S53 and memory and capacitor and transfer\$4 and parallel not burn\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 18:07 |
| S79 | 8 | "5483142" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 19:00 |

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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------|---|------------------|---------|------------------|
| L27 | 1170 | 361/103.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/08/09 22:24 |